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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	0009-061
First Inventor or Application Identifier:	Mark S. Olsson
Title	Slip Ring Assembly with Integral Position Encoder
Express Mail Label No.	EV 238370743 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

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| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <u>14</u>]
(preferred arrangement set forth below)</p> <ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R & D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claim(s)- Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC) 113) [Total Sheets <u>6</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>1</u>] unexecuted</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b). <p>5. <input type="checkbox"/> Incorporation by Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)</p> <ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement Verifying identity |
|--|--|

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 ☐ Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ Small Entity ☐ Statement filed in prior application,
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other: _____


17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____ / _____
Prior application information: Examiner _____ Group/Art Unit _____


18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

NAME	ATTN: Michael H. Jester				
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Name (Print/Type)	Michael H. Jester	Registration No. (Attorney/Agent)	28,022
Signature		Date	3-11-04

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="margin: 5px 0 0 0;">Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments <i>must</i> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12 See 37 C.F.R. §§ 1.27 and 1.28</p>		Complete If Known																																																																																																																																																																			
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<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:</p> <p>Deposit Account Number: <u>50 0626</u></p> <p>Deposit Account Name: <u>Michael H. Jester</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Large Entity (\$)</th> <th>Small Entity Code</th> <th>Small Entity (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for response within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for response within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for response within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for response within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for response within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> <p style="text-align: right;">SUBTOTAL (3) (\$)</p>		Large Entity Code	Large Entity (\$)	Small Entity Code	Small Entity (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - 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PTO/SB/17 REV 1 (11/00)

Approved for use through 09/30/2000. omb 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number: <u>50 0626</u> Deposit Account Name: <u>Michael H. Jester</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td></tr> <tr><td>1812</td><td>2,520</td><td>147</td><td>2,520</td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td></tr> </tbody> </table>		Large Entity Code	Small Entity Code	Fee Description	Fee Paid	1051	130	2051	65	1052	50	2052	25	1053	130	1053	130	1812	2,520	147	2,520	1804	920*	1804	920*	1805	1,840*	1805	1,840*	1251	110	2251	55	1252	410	2252	205	1253	930	2253	465	1254	1,450	2254	725	1255	1,970	2255	985	1401	320	2401	160	1402	320	2402	160	1403	280	2403	140	1451	1,510	1451	1,510	1452	110	2452	55	1453	1,300	2453	650	1501	1,300	2501	650	1502	470	2502	235	1503	630	2503	315	1460	130	1460	130	1807	50	1807	50	1806	180	1806	180	8021	40	8021	40	1809	750	2809	375	1810	750	2810	375
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
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Mark S. Olsson et al.) Examiner: (To be Assigned)
)
Serial No.: To be Assigned) Group Art Unit: (To be Assigned)
)
Filed: March 11, 2004)
)
For: *Slip Ring Assembly with*)
Integral Position Encoder)

CERTIFICATE OF MAILING UNDER 37 CFR §1.10

BOX PATENT APPL - FEE
Honorable Commissioner for Patents
Washington, D.C. 20231

EXPRESS MAIL RECEIPT NO. EV 238370743 US

I hereby certify that the enclosed documents, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below, and are addressed to MS - NEW APPLICATION - FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

March 11, 2004
(Date of Deposit)

By:


Michael H. Jester
Reg. No. 28,022